

SEQUENCE LISTING

<110> SmithLine Beecham Biologicals S.A.

<120> Novel Compounds

<130> BC45203

<160> 4

<170> FastSEQ for Windows Version 3.0

<210> 1

<211> 1106

<212> DNA

<213> Homo Sapiens

<400> 1

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| gcagttaatc | ctgcttgctc | tggaacacag | gcttgtaggg | ggagagacca | ggatcatcaa | 180 |
| ggggttcgag | tgcaagcctc | actcccagcc | ctggcaggca | gccctgttcg | agaagacgcg | 240 |
| gctactctgt | ggggcgacgc | tcctcgcccc | cagatggctc | ctgacagcag | cccactgcct | 300 |
| caagccccgc | tacatagtgc | acctggggca | gcacaacctc | cagaaggagg | agggctgtga | 360 |
| gcagaccggg | acagccactg | agtccttccc | ccaccccggc | ttcaacaaca | gcctcccca | 420 |
| caaagaccac | cgcaatgaca | tcctgctggg | gaagatggca | tcgccagtct | ccatcacctg | 480 |
| ggctgtgcga | cccctcacc | tctcctcacg | ctgtgtcact | gctggcacca | gctgcctcat | 540 |
| ttccggctgg | ggcagcacgt | ccagccccca | gttacgcctg | cctcacacct | tgcgatgcgc | 600 |
| caacatcacc | atcattgagc | accagaagtg | tgagaacgcc | taccccgcca | acatcacaga | 660 |
| caccatggtg | tgtgccagcg | tgcaaggaag | gggcaaggac | tcctgccagg | gtgactccgg | 720 |
| gggccctctg | gtctgtaacc | agtccttcca | aggcattatc | tcctggggcc | aggatccgtg | 780 |
| tgcgatcacc | cgaaagcctg | gtgtctacac | gaaagtctgc | aaatatgtgg | actggatcca | 840 |
| ggagacgatg | aagaacaatt | agactggacc | caccaccacc | agcccatcac | cctccatttc | 900 |
| cacttgggtg | ttggttcctg | ttactctgt | taataagaaa | ccctaagcca | agacctcta | 960 |
| cgaacattct | ttgggcctcc | tggaactacg | gagatgctgt | cacttaataa | tcaacctggg | 1020 |
| gttcgaaatc | agtgagacct | ggattcaa | aatattgtga | ctctgggaat | | 1080 |
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<210> 2

<211> 282

<212> PRT

<213> homo sapiens

<400> 2

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 Met Arg Ile Leu Gln Leu Ile Leu Leu Ala Leu Ala Thr Gly Leu Val
 10 35 40 45
 Gly Gly Glu Thr Arg Ile Ile Lys Gly Phe Glu Cys Lys Pro His Ser
 50 55 60
 Gln Pro Trp Gln Ala Ala Leu Phe Glu Lys Thr Arg Leu Leu Cys Gly
 65 70 75 80
 15 Ala Thr Leu Ile Ala Pro Arg Trp Leu Leu Thr Ala Ala His Cys Leu
 85 90 95
 Lys Pro Arg Tyr Ile Val His Leu Gly Gln His Asn Leu Gln Lys Glu
 100 105 110
 Glu Gly Cys Glu Gln Thr Arg Thr Ala Thr Glu Ser Phe Pro His Pro
 20 115 120 125
 Gly Phe Asn Asn Ser Leu Pro Asn Lys Asp His Arg Asn Asp Ile Met
 130 135 140
 Leu Val Lys Met Ala Ser Pro Val Ser Ile Thr Trp Ala Val Arg Pro
 145 150 155 160
 25 Leu Thr Leu Ser Ser Arg Cys Val Thr Ala Gly Thr Ser Cys Leu Ile
 165 170 175
 Ser Gly Trp Gly Ser Thr Ser Ser Pro Gln Leu Arg Leu Pro His Thr
 180 185 190
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 30 195 200 205
 Ala Tyr Pro Gly Asn Ile Thr Asp Thr Met Val Cys Ala Ser Val Gln
 210 215 220
 Glu Gly Gly Lys Asp Ser Cys Gln Gly Asp Ser Gly Gly Pro Leu Val
 225 230 235 240
 35 Cys Asn Gln Ser Leu Gln Gly Ile Ile Ser Trp Gly Gln Asp Pro Cys
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<210> 3

<211> 1158

<212> DNA

<213> homo sapiens

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<210> 4

<211> 281

<212> PRT

30 <213> homo sapiens

<400> 4

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Gln Pro Trp Gln Ala Ala Leu Phe Glu Lys Thr Arg Leu Leu Cys Gly
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| | | |
|----|---|-------------|
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| 5 | Glu Gly Cys Glu Gln Thr Arg Thr Ala Thr Glu Ser Phe Pro His Pro | |
| | 115 | 120 125 |
| | Gly Phe Asn Asn Ser Leu Pro Asn Lys Asp His Arg Asn Asp Ile Met | |
| | 130 | 135 140 |
| | Leu Val Lys Met Ala Ser Pro Val Ser Ile Thr Trp Ala Val Arg Pro | |
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| | Leu Thr Leu Ser Ser Arg Cys Val Thr Ala Gly Thr Ser Cys Leu Ile | |
| | 165 | 170 175 |
| | Ser Gly Trp Gly Ser Thr Ser Ser Pro Gln Leu Arg Leu Pro His Thr | |
| | 180 | 185 190 |
| 15 | Leu Arg Cys Ala Asn Ile Thr Ile Ile Glu His Gln Lys Cys Glu Asn | |
| | 195 | 200 205 |
| | Ala Tyr Pro Gly Asn Ile Thr Asp Thr Met Val Cys Ala Ser Val Gln | |
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| | Glu Gly Gly Lys Asp Ser Cys Gln Gly Asp Ser Gly Gly Pro Leu Val | |
| 20 | 225 | 230 235 240 |
| | Cys Asn Gln Ser Leu Gln Gly Ile Ile Ser Trp Gly Gln Asp Pro Cys | |
| | 245 | 250 255 |
| | Ala Ile Thr Arg Lys Pro Gly Val Tyr Thr Lys Val Cys Lys Tyr Val | |
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| 25 | Asp Trp Ile Gln Glu Thr Met Lys Asn | |
| | 275 | 280 |

SEQUENCE INFORMATION**SEQ ID NO:1**

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SEQ ID NO:2

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SEQ ID NO:3

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SEQ ID NO:4

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